

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L3 | 10 | ("2003/0046554").URPN. | USPAT | OR | OFF | 2011/10/11 09:02 |
| L4 | 0 | ("2003/0046554").URPN. and @ad<"20010831" | USPAT | OR | OFF | 2011/10/11 09:04 |
| L5 | 0 | ("2003/0046554").URPN. and @ad<"20010831" | USPAT | OR | OFF | 2011/10/11 09:04 |
| L6 | 2 | ("20020020752" "4851654" "4961229").PN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L7 | 3 | ("20020020752" "4851654" "4961229").PN. | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L8 | 1 | "5802320".pn. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L9 | 1 | "6363489".pn. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L10 | 1 | "20030135762" | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L11 | 2 | biometric adj voice adj sensor | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L12 | 10 | ("2003/0046554").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L13 | 3 | biometric adj (voice sound audio) adj sensor | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L14 | 274 | biometric adj (voice sound audio) | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L15 | 36 | biometric adj (voice sound audio) and @ad<"20010831" | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L16 | 18 | (LEYDI ER-ROBERT DU-CASTEL-BERTRAND).IN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L17 | 13 | (LEYDI ER-ROBERT DU-CASTEL-BERTRAND).IN. | US-PGPUB | OR | OFF | 2011/10/11 09:07 |
| L18 | 16 | (LEYDI ER-ROBERT\$10 DU-CASTEL-BERTRAND).IN. | US-PGPUB | OR | OFF | 2011/10/11 09:07 |
| L19 | 43 | (LEYDI ER-ROBERT\$10 DU-CASTEL-BERTRAND).IN. | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L20 | 7054 | (LEYDI ER-ROBERT\$10 DU-CASTEL-BERTRAND).IN. (Schlumberger).AS. | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L21 | 4984 | (LEYDI ER-ROBERT\$10 DU-CASTEL-BERTRAND).IN. (Schlumberger).AS. | USPAT | OR | OFF | 2011/10/11 09:07 |

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|-----|------|--|---------------------------|----|-----|------------------|
| L22 | 0 | L21 and ((integrated IC) adj circuit same biometric same voice).CLM. | USPAT | OR | ON | 2011/10/11 09:07 |
| L23 | 0 | L21 and ((integrated IC) adj circuit and biometric and voice).CLM. | USPAT | OR | ON | 2011/10/11 09:07 |
| L24 | 2070 | (LEYDIER-ROBERT\$10 DU-CASTEL-BERTRAND).IN. (Schlumberger).AS. | US-PGPUB | OR | OFF | 2011/10/11 09:07 |
| L25 | 1 | L24 and ((integrated IC) adj circuit and biometric and voice).CLM. | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L26 | 10 | ("2003/0046554").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L27 | 0 | ("2003/0046554").URPN. and (@ad<"20010831") | USPAT | OR | OFF | 2011/10/11 09:07 |
| L28 | 0 | biometric adj (voice sound audio) near2 ((integrated IC) adj circuit smart adj card) and @ad<"20010831" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2011/10/11 09:07 |
| L29 | 10 | biometric same (voice sound audio) near2 ((integrated IC) adj circuit smart adj card) and @ad<"20010831" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2011/10/11 09:07 |
| L30 | 2 | "20030046554".pn. biometric adj voice adj sensor | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L31 | 1 | "20030046554".pn. and biometric adj voice adj sensor | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L32 | 12 | biometric same (voice sound audio) near2 ((integrated IC smart) adj (circuit card) (access adj (badge card) (MULTOS near3 card))) and @ad<"20010831" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2011/10/11 09:07 |
| L33 | 4 | ("4827518" "4851654" "6075983" "6256609").PN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L34 | 59 | ("4851654").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L35 | 31 | ("4851654").URPN. and @ad<"20010831" | USPAT | OR | OFF | 2011/10/11 09:07 |
| L36 | 20 | ("4851654").URPN. and voice and @ad<"20010831" | USPAT | OR | OFF | 2011/10/11 09:07 |
| L37 | 125 | ("6325285").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L38 | 5 | ("6325285").URPN. and voice and @ad<"20010831" | USPAT | OR | OFF | 2011/10/11 09:07 |

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| L39 | 1 | ((voice audio) adj (activat\$4 authenticat\$4) adj2 (smart IC integrated adj circuit) adj (card badge)) and (@ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L40 | 0 | "9945123".pn. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L41 | 0 | "09/945123" | USPAT | OR | OFF | 2011/10/11 09:07 |
| L42 | 125 | ("6325285").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L43 | 3 | ((voice audio) adj (activat\$4 authenticat\$4 recogni\$4) adj2 (smart IC integrated adj circuit) adj (card badge)) and (@ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L44 | 3 | ((voice audio) adj (activat\$4 authenticat\$4 recogni\$4) near2(smart IC integrated adj circuit) adj (card badge)) and (@ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L45 | 177 | ((smart IC integrated adj circuit) adj (card badge) with microphone) and (@ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L46 | 30 | ((smart IC integrated adj circuit) adj (card badge) near2 microphone) and (@ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L47 | 1 | "20030046554".pn. | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L48 | 10 | ("2003/0046554").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L49 | 0 | ("2003/0046554"),URPN, and (@ad< "20010831") | USPAT | OR | OFF | 2011/10/11 09:07 |
| L50 | 45 | "20020095587" "20020097144" "20020163421" "20030046554" "4405829" "4582985" "4609777" "4614861" "4720860" "4791283" "4814591" "4819267" "4856062" "4885778" "4926480" "4941173" "4972476" "4993068" "4998279" "5020105" "5040223" "5056141" "5065429" "5131038" "5280527" "5623552" "5732148" "5794218" "5838059" "5907142" "5943624" "5982628" "5991749" "5996897" "6019284" | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |

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|-----|-----|---|---------------------------|----|-----|------------------|
| | | "6089451" "6134130" "6219439" "6327376" "6441482" "6470451" "6507912" "6588660" "6848617" "6877097" "6980672").PN. and (@ad<"20010831") | | | | |
| L51 | 177 | ((smart IC integrated adj circuit) adj (card badge) with microphone)and (@ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L52 | 0 | L50 and L51 | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L53 | 372 | ((smart IC integrated adj circuit) adj (card badge) same microphone)and (@ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L54 | 0 | L50 and L53 | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L55 | 30 | ((smart IC integrated adj circuit) adj (card badge) near2 microphone)and (@ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L56 | 9 | ("2004/0220807").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L57 | 1 | ("2004/0220807").URPN. and (@ad<"20010831" | USPAT | OR | OFF | 2011/10/11 09:07 |
| L58 | 1 | ("2004/0220807").URPN. and (@ad<"20010831" | USPAT | OR | OFF | 2011/10/11 09:07 |
| L59 | 0 | (furubayashi near saburo).in. and mitsubishi.as. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L60 | 0 | (furubayashi near saburo).in. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L61 | 0 | (furubayashi near saburo).in. | US-PGPUB; USPAT; EPO | OR | OFF | 2011/10/11 09:07 |
| L62 | 8 | (furubayashi near saburo).in. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2011/10/11 09:07 |
| L63 | 1 | "4961229".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2011/10/11 09:07 |
| L64 | 0 | ((contactless RFID) adj (smart IC integrated adj circuit) adj (card badge) with microphone)and (@ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L65 | 347 | ((contactless RFID) adj (smart IC integrated adj circuit) adj (card badge)) and (@ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |

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|-----|----|---|---------------------------|----|-----|------------------|
| L66 | 0 | ((contactless RFID) adj (smart IC integrated adj circuit) adj (card badge) near5 microphone)and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L67 | 0 | ((contactless RFID) adj (smart IC integrated adj circuit) adj (card badge) same microphone)and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L68 | 25 | ((contactless RFID) adj (smart IC integrated adj circuit) adj (card badge) and microphone)and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L69 | 1 | "5120939".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2011/10/11 09:07 |
| L70 | 1 | "4480178".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2011/10/11 09:07 |
| L71 | 1 | "4961229".pn. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L72 | 6 | (US-200402200807-\$).did. or (US-4961229-\$ or US-5708853-\$ or US-6325265-\$ or US-6382516-\$ or US-7383297-\$).did. | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L73 | 1 | L72 and biometric and sensor | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L74 | 4 | biometric near voice near sensor | US-PGPUB; USPAT; EPO | OR | OFF | 2011/10/11 09:07 |
| L75 | 10 | ("2003/0046554").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L76 | 0 | ("2003/0046554").PN. and \$2encrypt\$4 | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L77 | 1 | ("20030046554").PN. and \$2encrypt\$4 | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L78 | 0 | ("20030046554").PN. and \$2decrypt\$4 | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
| L79 | 3 | L72 and biometric | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |

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| L80 | 159 | ("2990646" "20030159040" "3961323" "4207696" "4231184" "4264978" "4353064" "4390877" "4614861" "4637007" "4637371" "4640034" "4641374" "4677657" "4682370" "4696653" "4717364" "4766294" "4814591" "4818855" "4840602" "4851654" "4857030" "4924075" "4935907" "4942534" "4961229" "4973286" "4978840" "4984380" "5032099" "5072103" "5085610" "5176560" "5191615" "5209695" "5241160" "5280527" "5289273" "5307051" "5314336" "5324038" "5356326" "5376778" "5407376" "5423073" "5434398" "5452901" "5467095" "5479408" "5517194" "5522089" "5523749" "5539819" "5552790" "5579537" "5583933" "5606732" "5623552" "5629867" "5629981" "5635701" "5638047" "5638450" "5640003" "5646907" "5647787" "5655945" "5697829" "5698836" "5708853" "5717168" "5719387" "5731757" "5740232" "5742677" "5745555" "5752880" "5761606" "5763862" "5764512" "5764763" "5764900" "5774791" "5778071" "5778187" "5786764" "5786988" "5789733" "5793305" "5800243" "5809245" "5815020" "5818030" "5825871" "5847662" "5847752" "5850077" "5859913" "5861841" "5864794" "5870155" "5880769" "5881149" "5884271" "5905865" "5907142" "5914980" "5955961" "5986562" "5987509" "6010074" "6014083" "6016476" "6021119" "6023509" | US-PPGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |
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|------|-------|---|-------------------------------|----|----|------------------|
| L91 | 0 | (voice near pressure near sensor) and piezoelectric and (CMOS near inverter) and capacitor and voltage and battery | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L92 | 4 | (voice near pressure near sensor) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L93 | 1 | (voice near pressure near sensor) and (microphone trnasducer) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L94 | 10132 | ((pressure near sensor) and (microphone trnasducer)) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L95 | 0 | ((pressure near sensor and piezoelectric and (CMOS near inverter) and electrical adj parameter and battery)) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L96 | 5 | ((pressure near sensor and piezoelectric and (CMOS near inverter) and battery)) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L97 | 22 | ((pressure near sensor and piezoelectric and (CMOS near inverter))) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L98 | 5 | ((pressure near sensor and piezoelectric and (CMOS near inverter)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L99 | 11641 | ((pressure near sensor and (microphone transducer)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L100 | 1667 | ((pressure near sensor and microphone) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L101 | 4 | ((pressure near sensor and microphone and (CMOS near inverter)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L102 | 29 | ((pressure near sensor and biometric and microphone) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L103 | 46 | ((smart IC integrated adj circuit) adj (card badge) and microphone and pressure adj sensor) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L104 | 30 | ((smart IC integrated adj circuit) adj (card badge) and microphone and pressure adj sensor and (voice speech)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L105 | 2 | "20070036356".pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2011/10/11 09:07 |

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|------|--------|---|-------------------------------------|----|-----|---------------------|
| L106 | 1 | "20070036356".pn. | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L107 | 3 | ("2007/0036356").URPN. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L108 | 1 | "20030188181".pn. | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L109 | 1 | "20030046554".pn. | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L110 | 35900 | "20030046554".pn. data adj link | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L111 | 1 | "20030046554".pn. and data adj link | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L112 | 1 | "20030046554".pn. and \$2crypt\$4 | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L113 | 1 | "5136885".pn. | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L114 | 2 | "5136885".pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2011/10/11 09:07 |
| L115 | 0 | (pressure near sensor and piezoelectric and (CMOS near inverter) and microphone) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L116 | 4 | (pressure near sensor and piezoelectric and (CMOS near inverter) and microphone) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L117 | 4 | ((pressure vibration) near sensor and piezoelectric and (CMOS near inverter) and microphone) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L118 | 17 | ((pressure vibration) near sensor and piezoelectric and (CMOS near inverter) and (microphone transducers)) | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L119 | 186824 | ((pressure vibration) near sensor and piezoelectric and (CMOS near inverter) (microphone transducers)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L120 | 0 | ((pressure vibration) near sensor and piezoelectric and (CMOS near inverter) and (microphone transducers)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L121 | 10498 | (piezoelectric near (microphone transducers)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L122 | 9230 | (piezoelectric adj (microphone transducers)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |

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| L123 | 7 | (piezoelectric adj (microphone transducers) and (CMOS near inverter)) and @ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L124 | 5 | "4303908".pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2011/10/11 09:07 |
| L125 | 2 | (piezoelectric adj (microphone transducers) and (CMOS near inverter)) and @lad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L126 | 0 | (piezoelectric adj (microphone) and (CMOS near inverter)) and @ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L127 | 146 | (piezoelectric adj (microphone) and @ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L128 | 5 | (piezoelectric adj (microphone) and (IC smart integrated adj circuit) adj card) and @ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L129 | 2000 | (piezoelectric adj (microphone transducers) and (CMOS near inverter oscillator)) and @ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L130 | 38 | (piezoelectric adj (microphone) and (CMOS near inverter oscillator)) and @ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L131 | 20 | (US-20020071537-\$ or US-20020169988-\$ or US-20040220807-\$).did. or (US-3690144-\$ or US-3856995-\$ or US-4303908-\$ or US-4751419-\$ or US-4961229-\$ or US-5136885-\$ or US-5249467-\$ or US-5708853-\$ or US-5987155-\$ or US-6194810-\$ or US-6325285-\$ or US-6382516-\$ or US-6401029-\$ or US-6792536-\$ or US-7106843-\$ or US-7383297-\$ or US-7475044-\$).did. | US-PGPUB; USPAT | OR | OFF | 2011/10/11 09:07 |

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|------|----|---|--------------------------|----|-----|------------------|
| L132 | 39 | (US-20020071537-\$ or US-20020169988-\$ or US-20040220807-\$).did. or (US-3690144-\$ or US-3856995-\$ or US-4303908-\$ or US-4751419-\$ or US-4961229-\$ or US-5136885-\$ or US-5249467-\$ or US-5708853-\$ or US-5987155-\$ or US-6194810-\$ or US-6325285-\$ or US-6382516-\$ or US-6401029-\$ or US-6792536-\$ or US-7106843-\$ or US-7383297-\$ or US-7475044-\$). did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2011/10/11 09:07 |
| L133 | 19 | (US-20020071537-\$ or US-20020169988-\$ or US-20040220807-\$).did. or (US-3690144-\$ or US-3856995-\$ or US-4303908-\$ or US-4751419-\$ or US-4961229-\$ or US-5136885-\$ or US-5249467-\$ or US-5708853-\$ or US-5987155-\$ or US-6194810-\$ or US-6325285-\$ or US-6382516-\$ or US-6401029-\$ or US-6792536-\$ or US-7106843-\$ or US-7383297-\$ or US-7475044-\$). did. | DERWENT | OR | OFF | 2011/10/11 09:07 |
| L134 | 3 | "3680144".pn. | USPAT; DERWENT | OR | OFF | 2011/10/11 09:07 |
| L135 | 2 | "3690144".pn. | USPAT; DERWENT | OR | OFF | 2011/10/11 09:07 |
| L136 | 1 | "5136885".pn. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L137 | 2 | "5136885".pn. | USPAT; DERWENT | OR | OFF | 2011/10/11 09:07 |
| L138 | 4 | "4303908".pn. | USPAT; DERWENT | OR | OFF | 2011/10/11 09:07 |
| L139 | 22 | (piezoelectric adj pressure adj sensor and (CMOS near inverter oscillator)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L140 | 0 | (piezoelectric adj pressure adj sensor and (CMOS near inverter oscillator) and (IC smart integrated adj circuit) adj card) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L141 | 0 | (piezoelectric adj pressure adj sensor and (CMOS near inverter oscillator) and (microphone)) and @ad<"20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |

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|------|------|--|-------------------------------|----|-----|------------------|
| L142 | 13 | (piezoelectric adj pressure adj sensor and (CMOS near inverter oscillator) and (microphone transducer)) and @ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L143 | 1 | (piezoelectric adj pressure adj sensor and (CMOS near inverter oscillator) and (microphone transducer) and (audio voice speech)) and @ad< "20010831" | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L144 | 1 | "6598481".pn. | US-PGPUB; USPAT; EPO | OR | ON | 2011/10/11 09:07 |
| L145 | 2 | "6598481".pn. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2011/10/11 09:07 |
| L146 | 1 | "20030046554".pn. and interface | US-PGPUB | OR | ON | 2011/10/11 09:07 |
| L147 | 4984 | (LEYDIER-ROBERT\$10 DU-CASTEL-BERTRAND).IN. (Schlumberger).AS. | USPAT | OR | OFF | 2011/10/11 09:07 |
| L148 | 0 | L147 and ((integrated IC) adj circuit and biometric and voice).CLM. | USPAT | OR | ON | 2011/10/11 09:07 |

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